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TITLE: Magnetic recording medium mfg method  
for computer - by using polish tape whose fibre  
intensity is more than 400%  
with modulus intensity of dry and wet  
polish tape being 11 kg/5 cm width and 8 kg/5 cm width

PATENT-ASSIGNEE: MITSUBISHI CHEM CORP[MITU]

PRIORITY-DATA: 1994JP-0226623 (September 21, 1994)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
JP 08096355 A		April 12, 1996	N/A
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
JP 08096355A	N/A	
1994JP-0226623	September 21, 1994	

INT-CL (IPC): B24B021/00, B24D011/00 , G11B005/84

ABSTRACTED-PUB-NO: JP 08096355A

BASIC-ABSTRACT:

The method involves performing a grinding process to the surface of the substrate (1) by slurry grinding which used free grinding particles and a polish tape (2). The intensity of fibres in the polish tape is more than 400%. The modulus intensity of the 10% of dry polish tape is 11 kg/5 cm width and

that of 10% wet polish tape is 8 kg/5 cm width.

ADVANTAGE - Improves surface property. Improves wear resistance. Obtains good electromagnetic conversion characteristic. Prevents noise during grinding process.

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: MAGNETIC RECORD MEDIUM MANUFACTURE METHOD  
COMPUTER POLISH TAPE

FIBRE INTENSITY MORE MODULUS INTENSITY DRY WET  
POLISH TAPE KG CM  
WIDTH KG CM WIDTH

DERWENT-CLASS: P61 T03

EPI-CODES: T03-A02B1A; T03-A02D1; T03-A02E1A;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1996-204428

PAT-NO: JP408096355A

DOCUMENT-IDENTIFIER: JP 08096355 A

TITLE: PRODUCTION OF MAGNETIC RECORDING  
MEDIUM

PUBN-DATE: April 12, 1996

INVENTOR-INFORMATION:

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APPL-DATE: September 21, 1994

INT-CL (IPC): G11B005/84, B24B021/00 , B24D011/00

ABSTRACT:

PURPOSE: To form a magnetic recording medium having excellent electromagnetic transducing characteristics by preventing texture noise and waving at the time of texturing.

CONSTITUTION: A nonwoven fabric tape having a water retaining rate of >400%, fiber strength of >11[kg/5cm width] in 10% modulus strength (longitudinal direction) when dry and a difference of >8[kg/5cm width] between the 10% modulus strength (longitudinal direction) when dry and when wet

is used as a grinding tape at the time of executing texturing by slurry grinding using free abrasive grains and the grinding tape. The abrasive grains are then well deposited on the grinding tape and the efficient texturing is executed. The wiping away of the grinding scum by the grinding tape is sufficient, a cleaning effect is high and the pressing force of the abrasive grains by the grinding tape is uniform and adequate. The substrate surface is thus uniformly and effectively ground. The abrasive grain holding power and the cushion property at the time of pressing the abrasive grains are adequately balanced.

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